

FIG.1

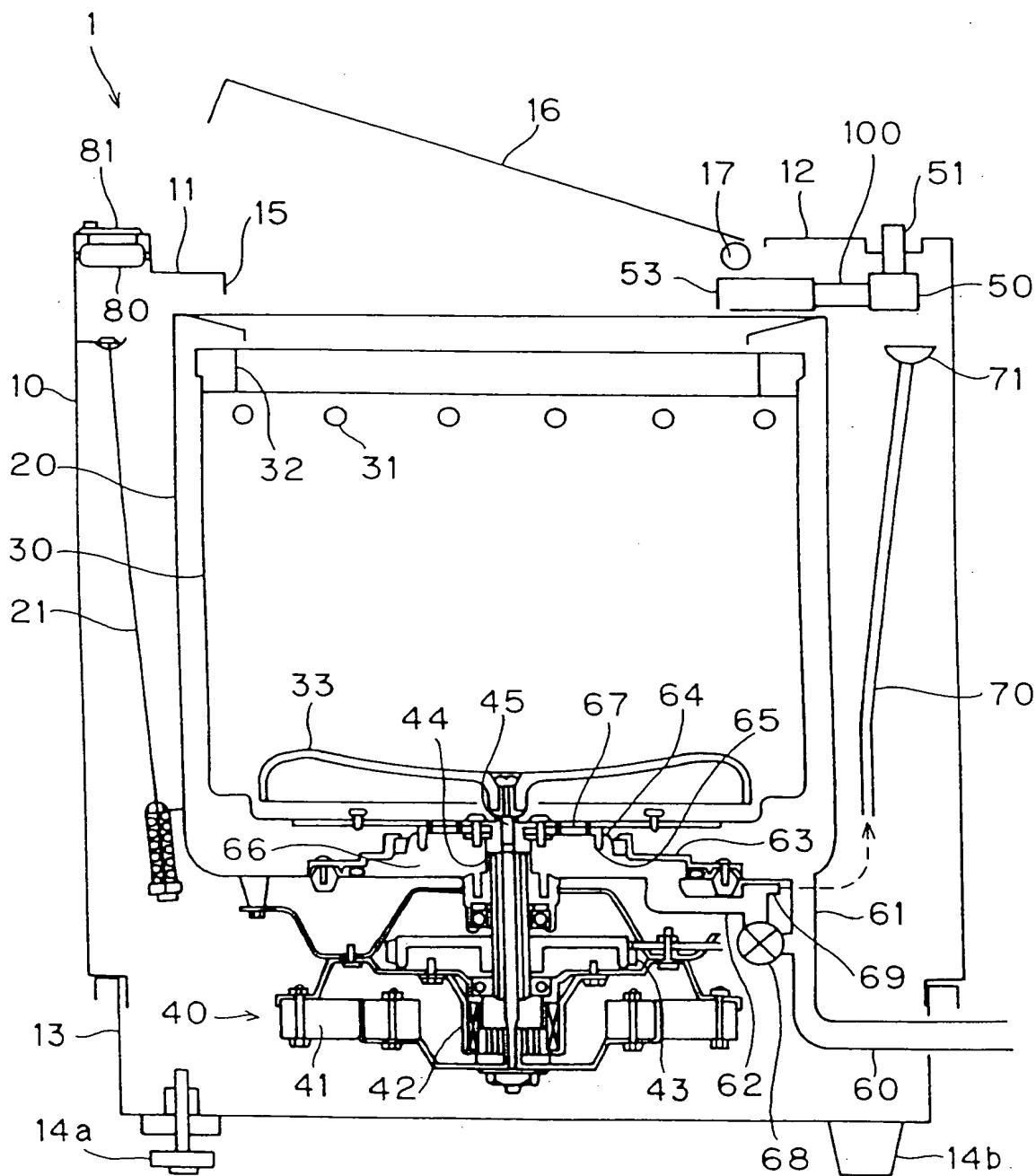
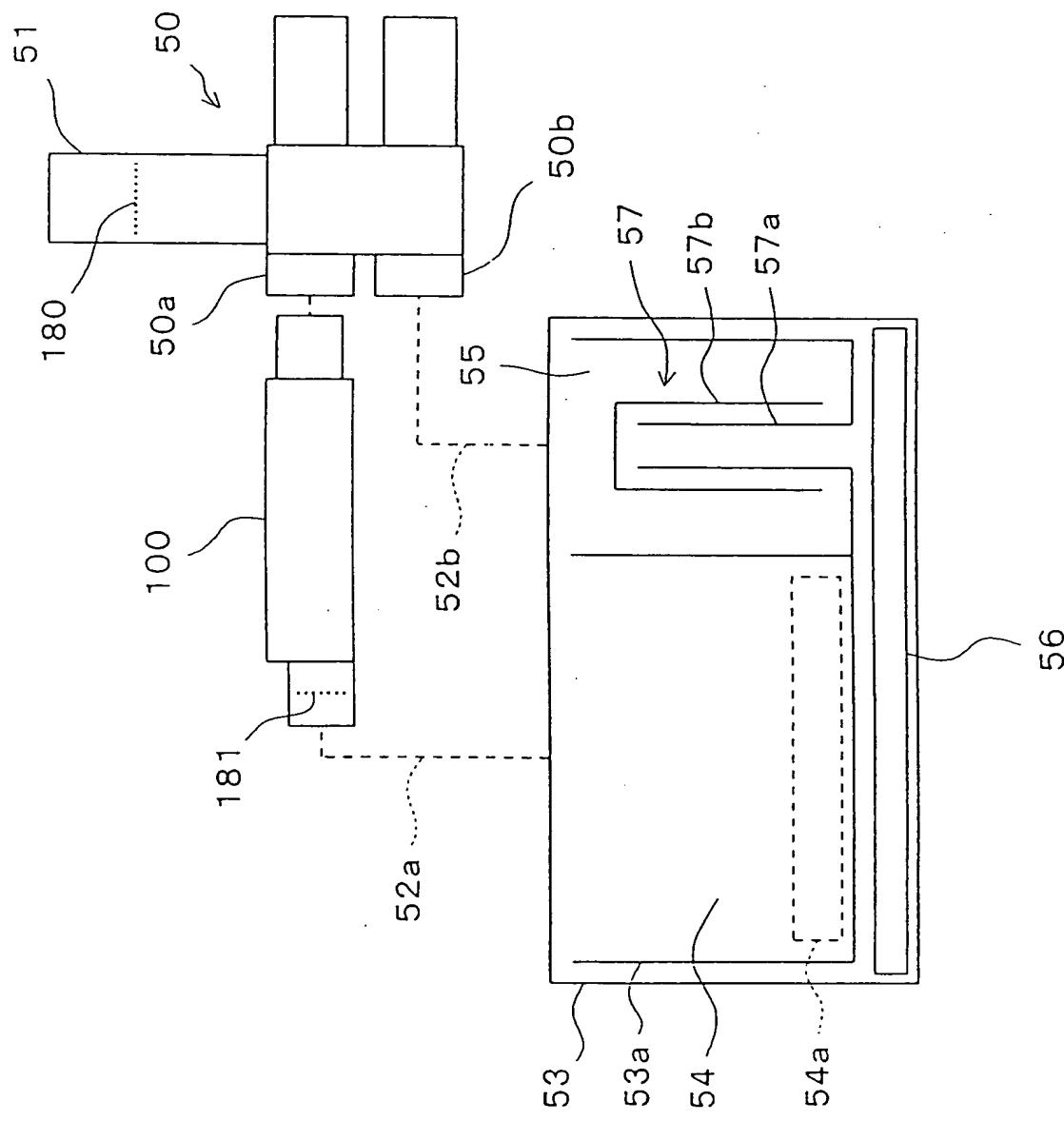


FIG.2



3/17

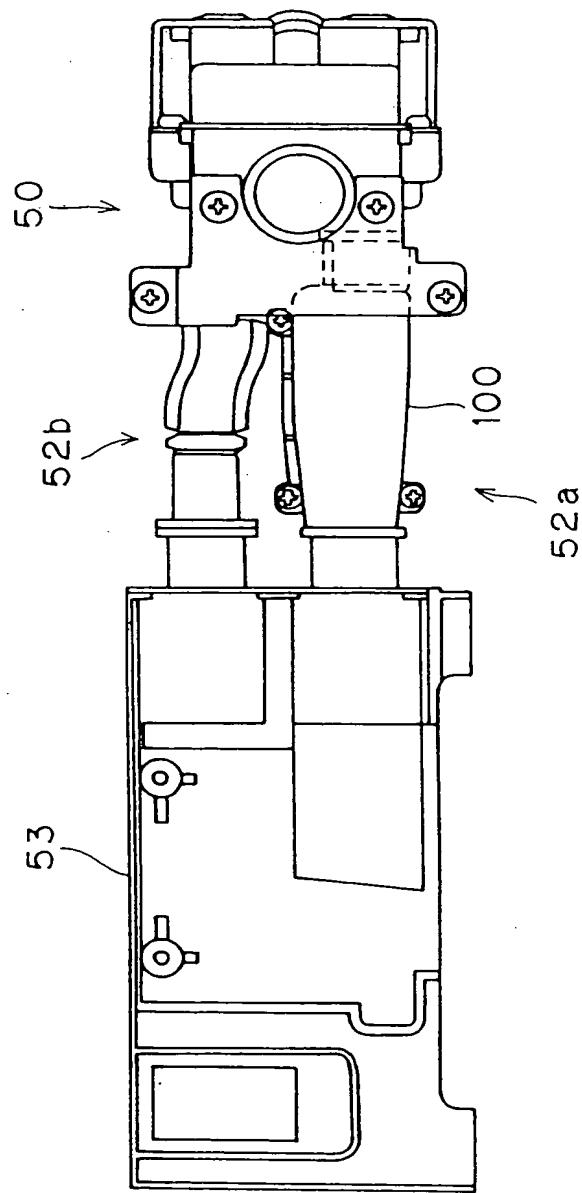
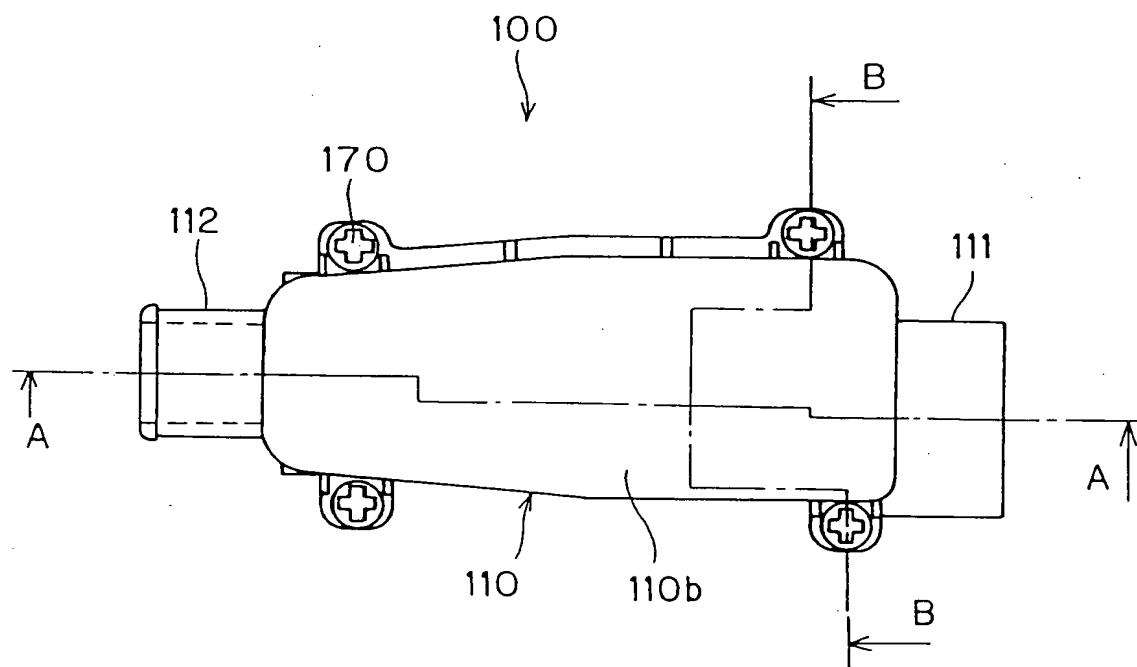


FIG.3

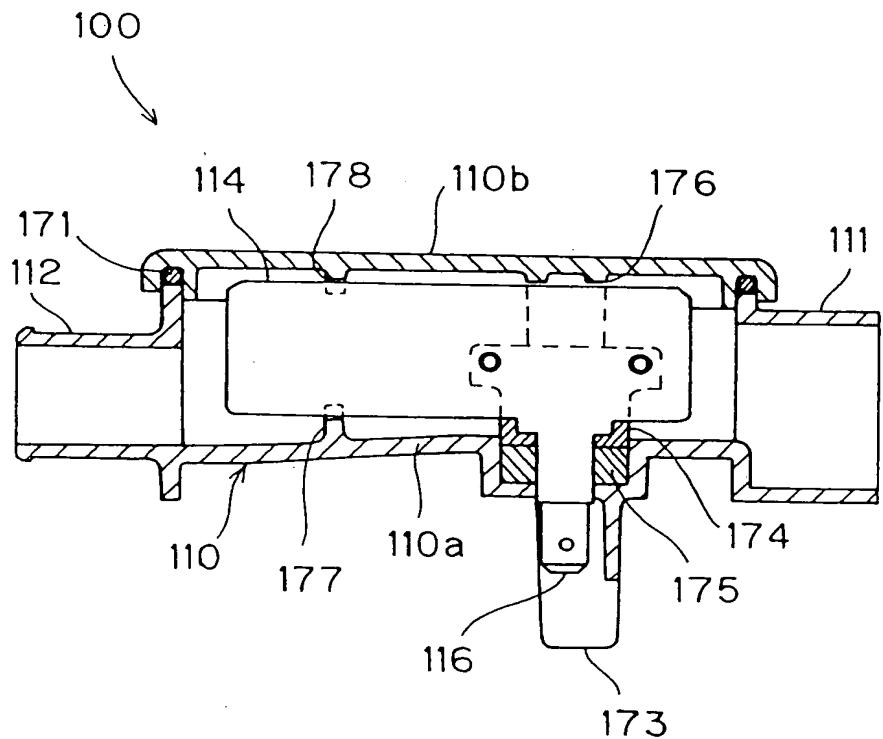
4/17

FIG.4



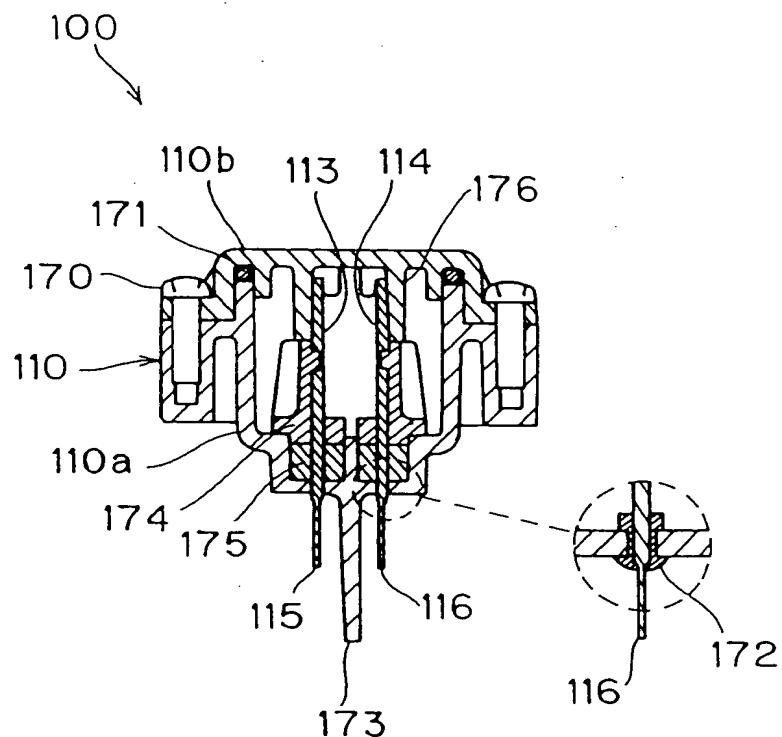
5/17

FIG.5



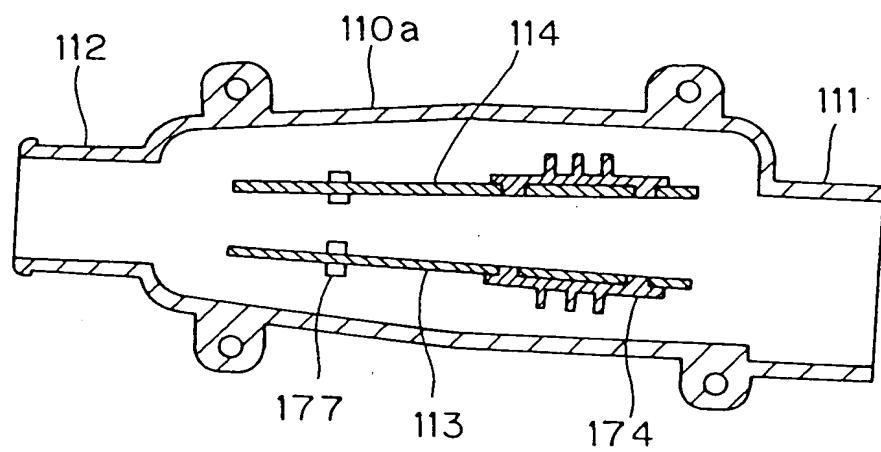
6/17

FIG.6



7/17

FIG.7



8/17

FIG.8

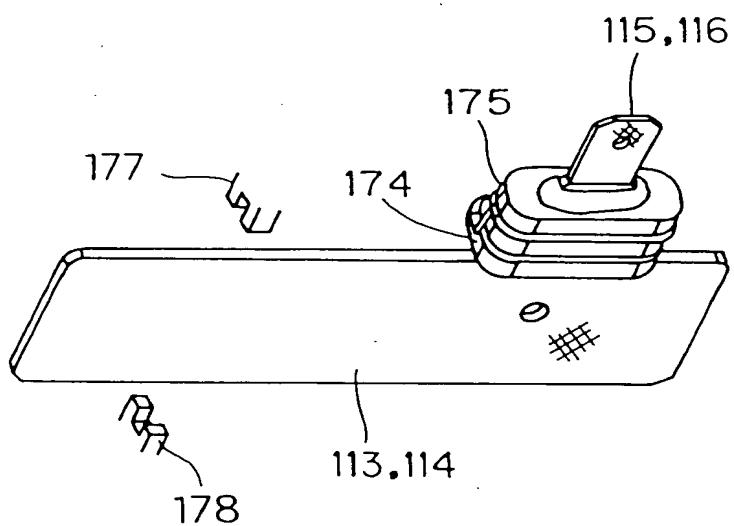
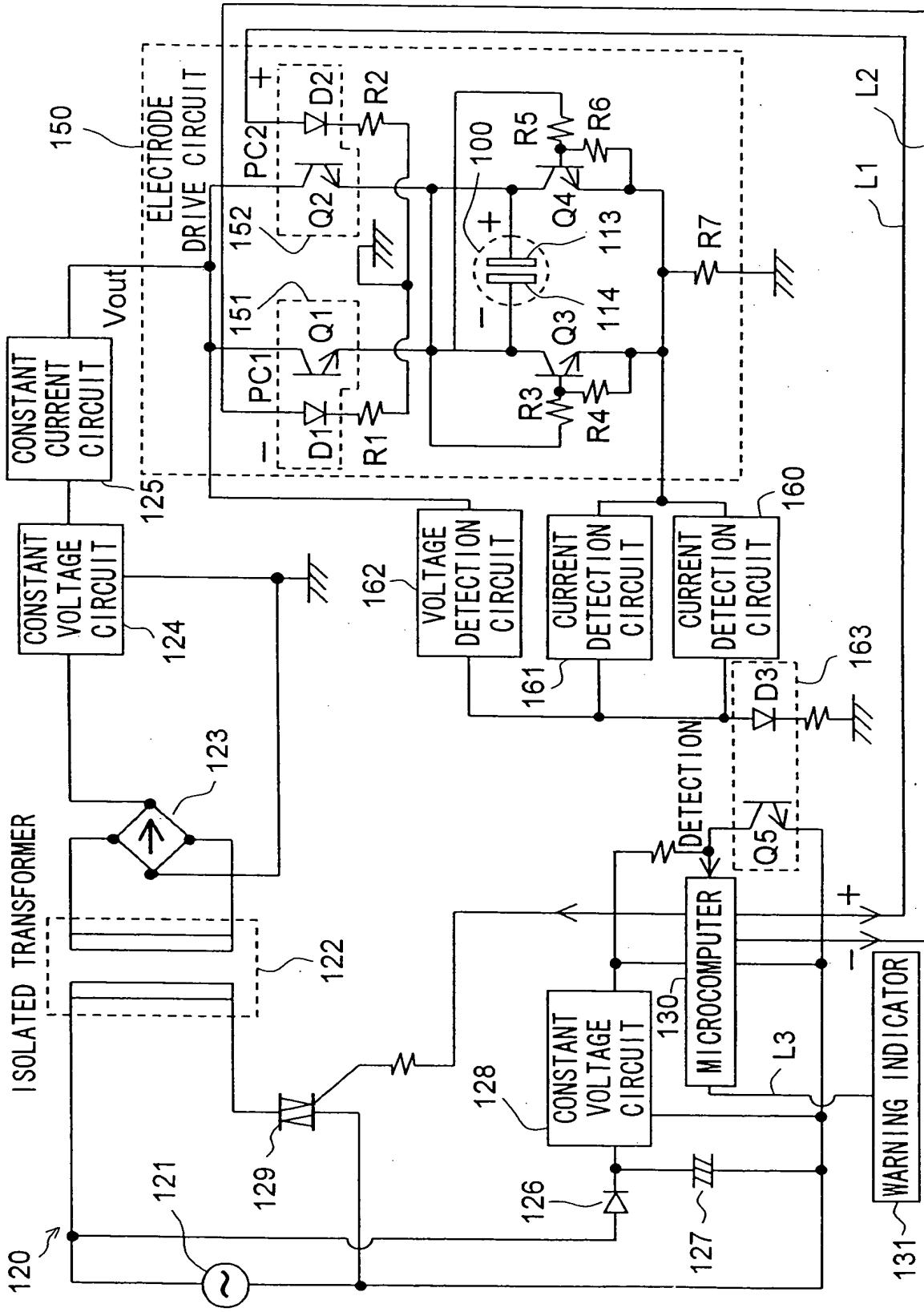
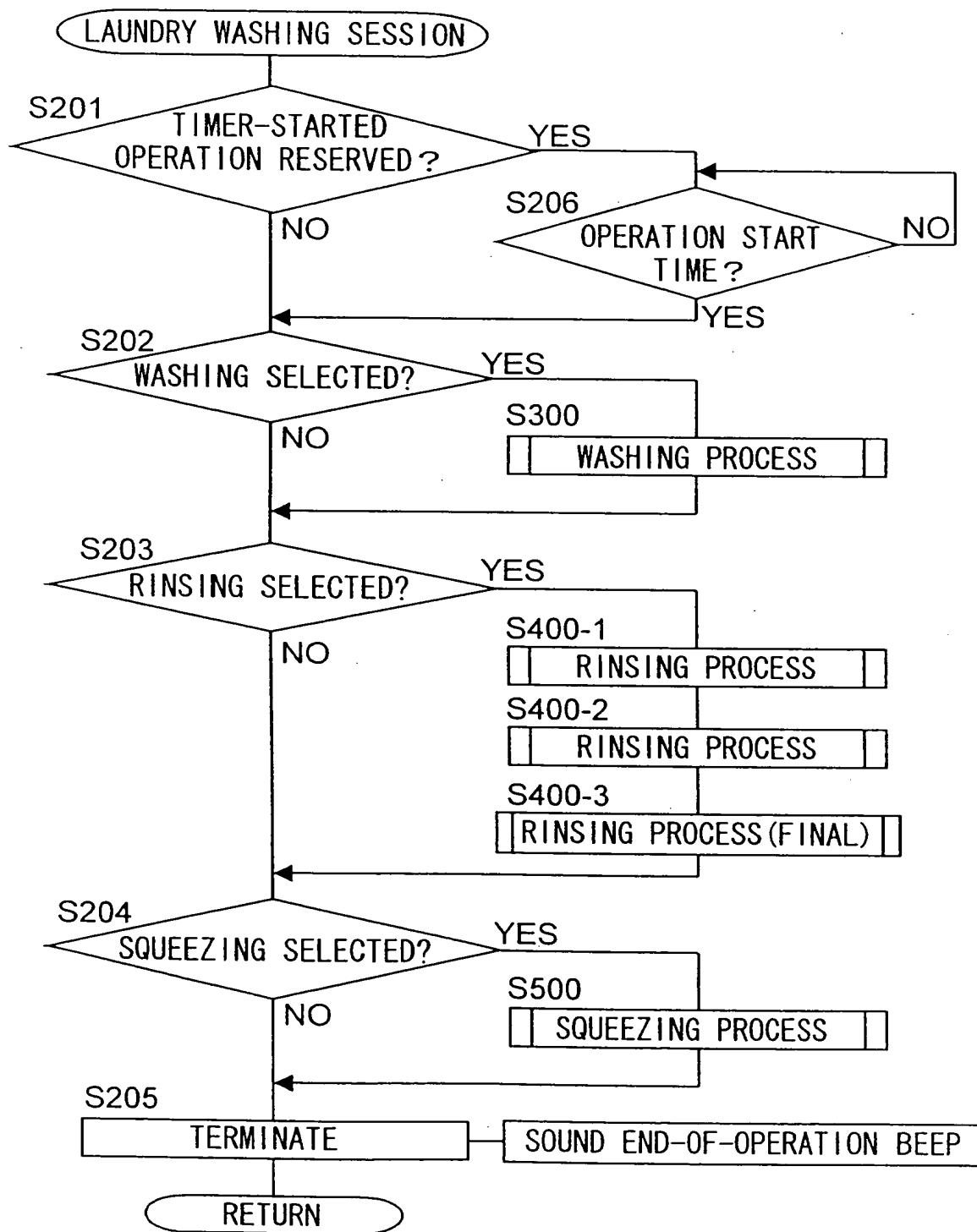


FIG.9



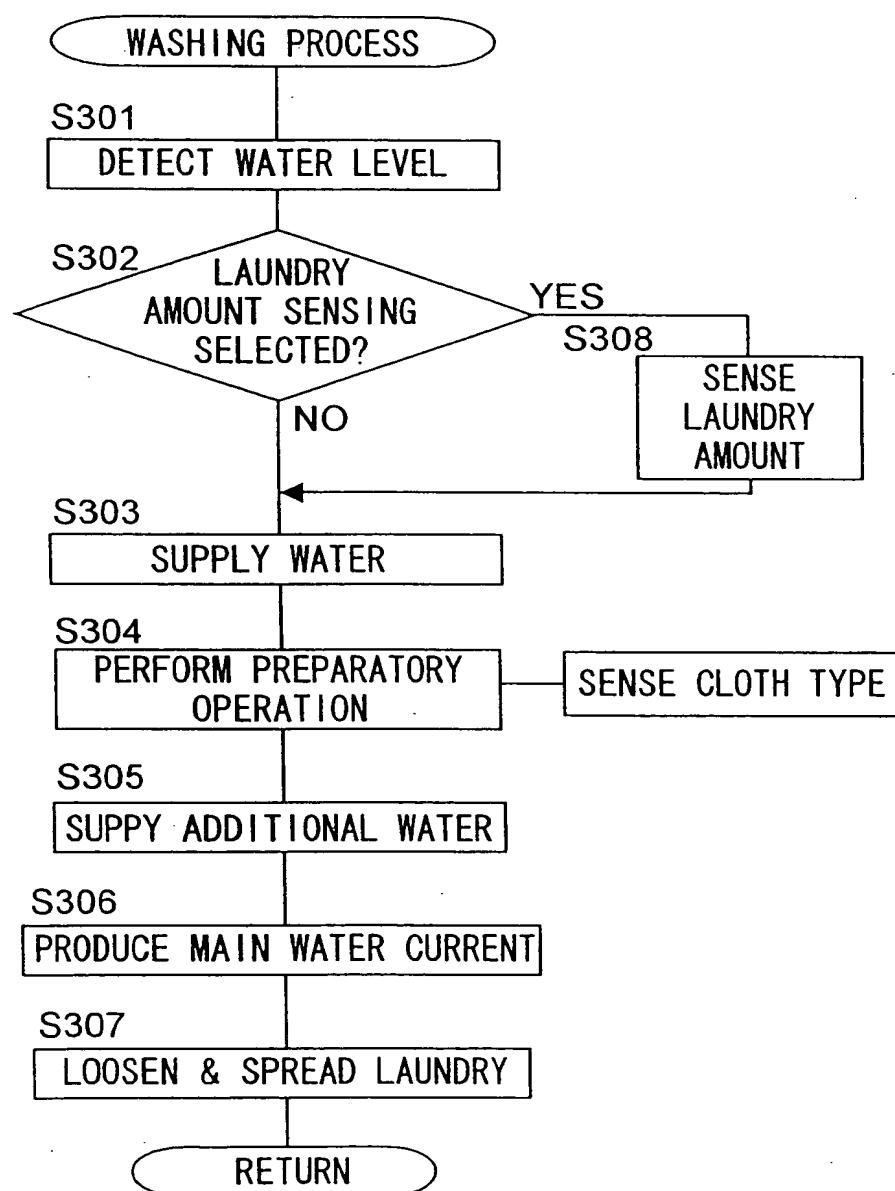
10/17

FIG.10



11/17

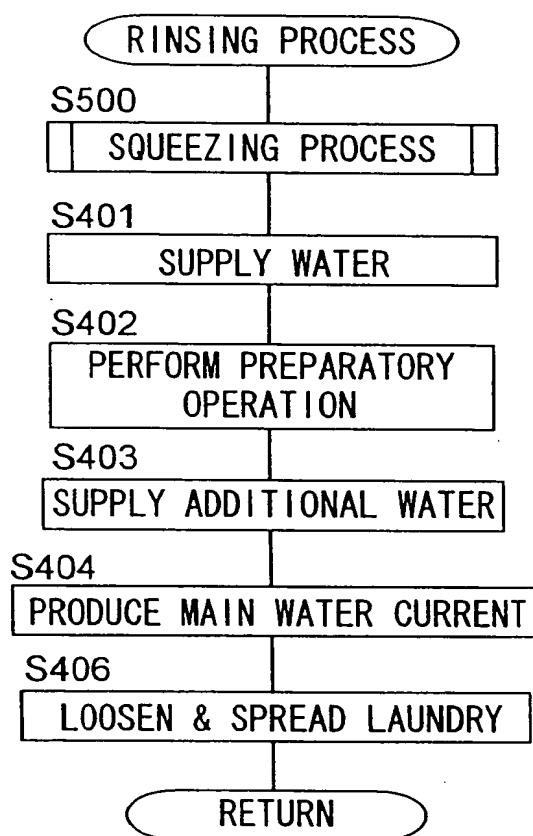
FIG.11



10/535700

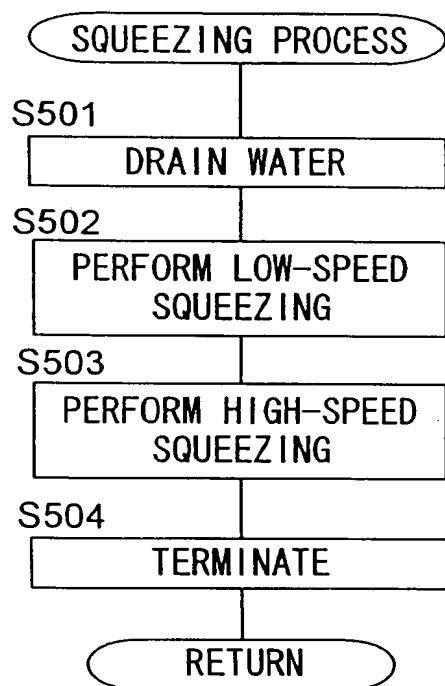
12/17

FIG.12



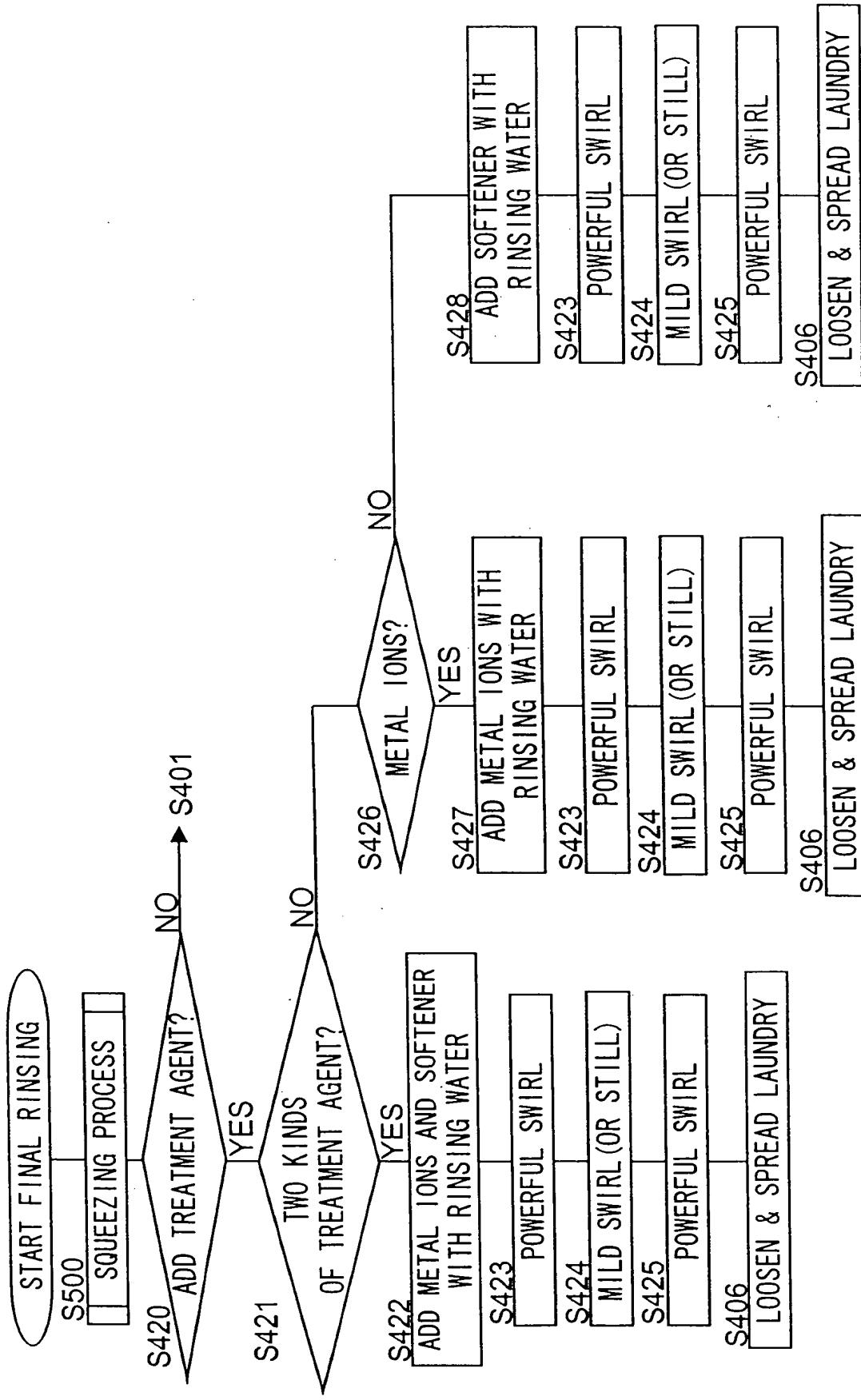
13/17

FIG.13



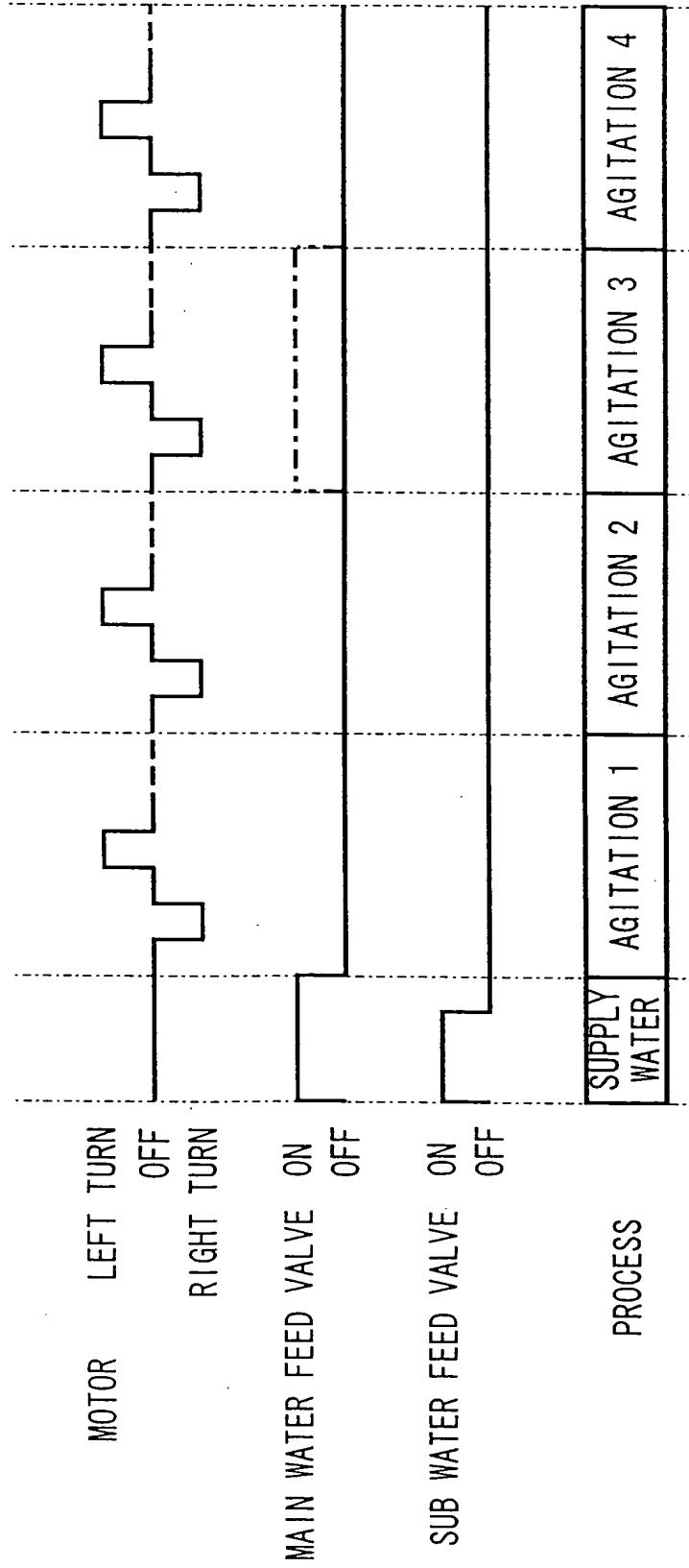
14/17

FIG. 14



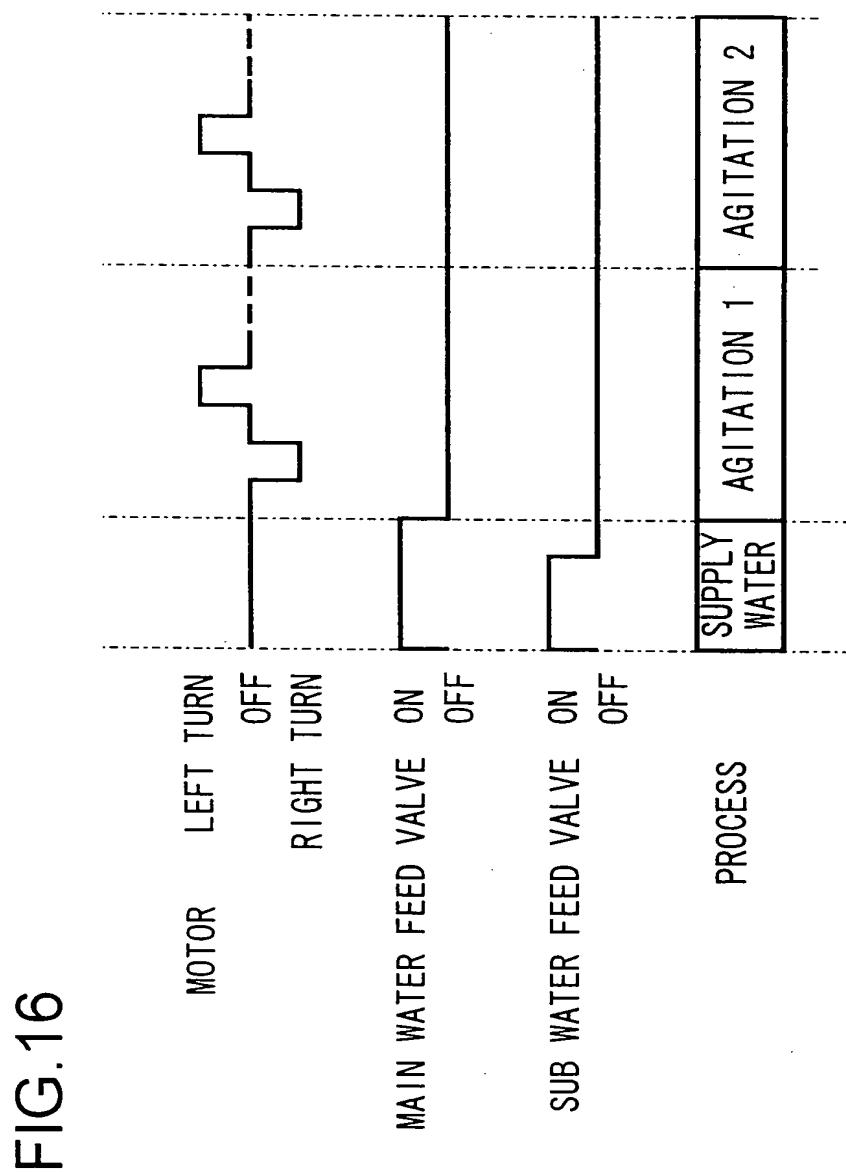
15/17

FIG. 15



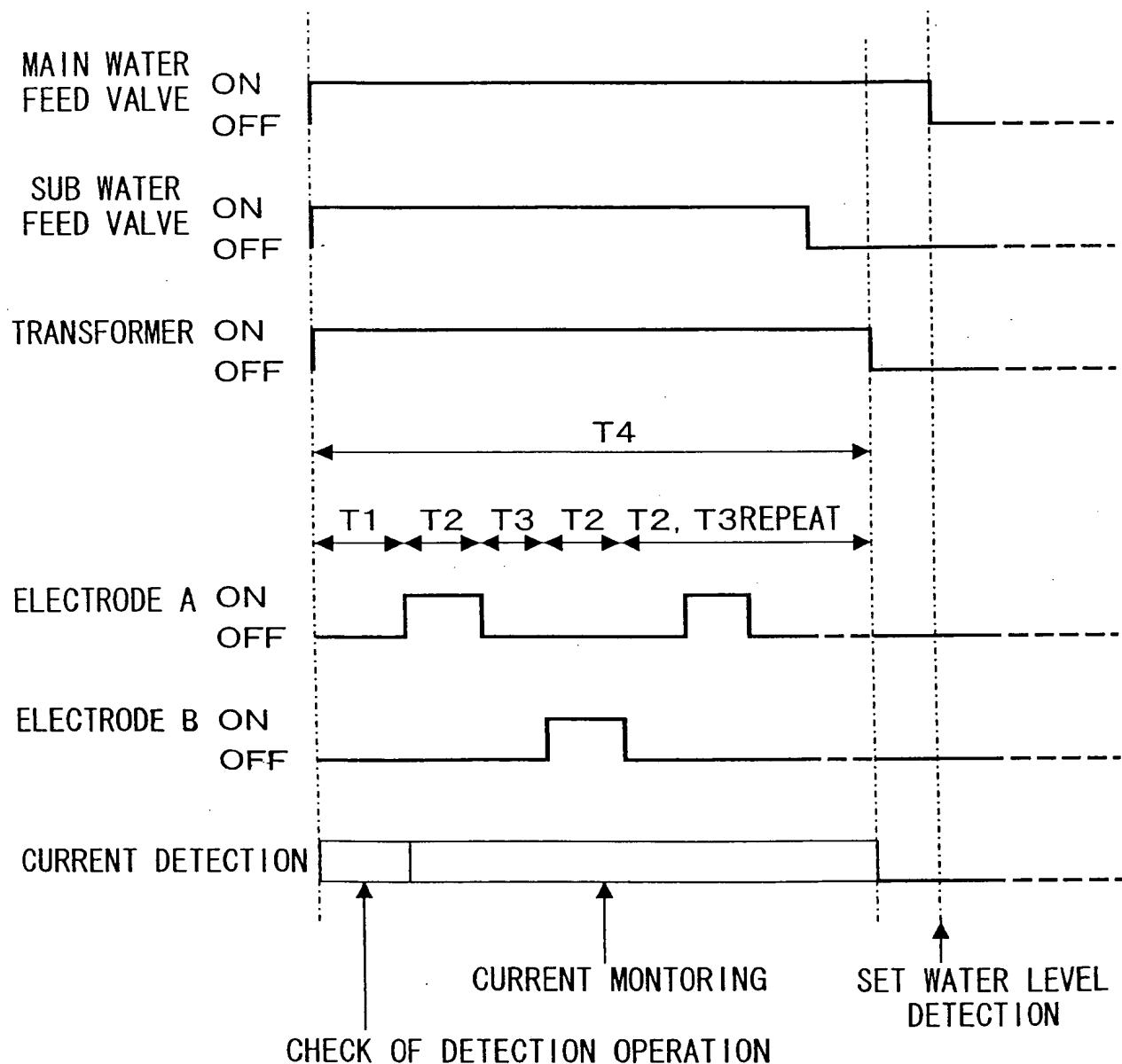
10/535700

16/17



17/17

FIG.17



T1: CURRENT DETECTION CIRCUIT
OPERATION CHECKING PERIOD

T2: VOLTAGE APPLICATION PERIOD

T3: VOLTAGE APPLICATION HALT PERIOD

T4: ION ELUTION PERIOD